	er ID 63718 rember 10, 2010 1:40:31 PM								Page 1
Revision ID: Item Name:	D4018-5  Rib  11/10/2010 Start Qty: 9.0  11/17/2010 Req'd Qty: 9.0	1100111 1011 1011	Accept	Cust Item I Customer:			Setup S	1 1 1 1 1 1 1	
Approvals:	Process Plan:QC:	Date: <u> 0-11-10</u> Date:	Tooling: SPC (Y/N):		nte:	-			KAK BANG IN NAN ING Nan angan
Sequence ID/ Work Center II	Operation Description		Set Up/ Run Hours	Tool ID	Tool # Plan Code		t Rejec Qty	t Reject Numb	
Draw Nbr D4018	Revision Nbr						CATION		
100 Large Fab Large Fab	Memo 1- Cut	tube as per dwg D4018 ur and remove identification ma	0.00  0.00 ≤A∆ rkings	10-11-11	MATERIAL REQ'D L	JPON DEL	INFRY (6	r1+14.	
110 	QC5- Inspect part of Memo	completeness to step on W/O	0.00	ilia		É		· 	
120	Identify as per dwg	& Stock Location: \(\omega \beta \beta \)	0.00 54	10 11-12		9			

Packaging

Dart	<b>Aeros</b>	nace	l td
Dail	70103	Ducc	Liu

W/O:			W	ORK ORDER CH	ANGES					
DATE	STEP	PRC	CEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									· ·	
		7	····				· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
Part No	•	PAR #:	Fault Cate	egory:	NCI	R: Yes	No DQ	٨:	_ Date: _	
		esolution:								
NCR:			WORK ORE	ER NON-CONFO	RMANCE	(NCR	1)			
DATE	STEP	Description of NC	Corrective Action Section					Verification		Approval
DAIL	OIL.	Section A	Initial Chief Eng	Action Descrip Chief Eng	tion	Sign 8 Date	Section	on C	Chief Eng	QC Inspector
							A Property of Prop			

NOTE: Date & initial all entries

Work O	rder	ID	6	5371	8
W - J J	N7	L	10	2010	1.

Memo



Page 2

Wednesday, Nov	ember 10, 20	10 1:40:31 PM				_						1 age 2
Item ID:	D4018-5			Accept					Setup	Start		
Revision ID:							=: ::=:: ==::: =	=11 1==1				
Item Name:	Rib					*				Stop		
Start Date:	11/10/2010	Start Qty: 9.00			Cust Item I	D:						
Required Date:	11/17/2010	<b>Req'd Qty:</b> 9.00			Customer:							
Reference:												
Approvals:	Process Pla	ın:	Date:	Tooling:	D:	ate:			Run	Start		
	QC:		Date:	SPC (Y/N):	D	ate:	<del></del> -			Stop		
Sequence ID/ Work Center II	)	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accep Qty	t Rej Qty	•	Reject Number	Insp. Stamp
130		QC21- Final Inspection	- Work Order Release	0.00						10	111/5	5 / 1
QC		Memo		0.00								

Quality Control

Dart A	Aerospace	Ltd
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W/O:		WORK ORDER CHANGES									
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
Part No	:	PAR #: Fault Category:	NCR: Yes	No <b>DQ</b>	A:	Date:					

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B	Verification	Annuaral	Annroyal				
DATE STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector				
				·		Table					
						5					
,		——————————————————————————————————————									
		:									

NOTE: Date & initial all entries

## **Picklist Print**

Wednesday, November 10, 2010 1:40:31 PM

Work Order ID: 63718

Parent Item:

D4018-5

Parent Item Name: Rib

Start Date: 11/10/2010

Required Date: 11/17/2010

Start Qty: 9.00

Required Oty: 9.00

Comments:

IPP RevA: new issue DD 09.11.26 verified by:EC

per dwg revA 10.03.15 verified by:EC

RevB DD 10.04.16 verified by:EC

10.08.18 verified by:EC

IPP Rev:B as

IPP Rev:C as per dwg IPP Rev:D as per dwg revC DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.500W.049		Purchased	No			100	f	421.8700	0.5558	5.265474			
Square Tubing											SAD	10	-11-U

Square Tubing

<b>Location</b>	Loc Oty	Loc Code	
MAT	126.6275158		
114004	0 .	,	
114807	1.579E-05		
115034	126.6275		5.2655
WA	295.24251		<u> </u>
114724	2.62251		
115257	292.62		
114724	2.62251		

Dart Aer	ospace Lte	d						ec - 3
W/O:			WORK ORDER	CHANGES				
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
							i.	
Part No:	:	PAR #:	Fault Category:	NCR: Ye	s No DQ	A:	Date:	
	Reso	lution:	Disposition:	QA: N/C	Closed:		Date: _	
NCR:			WORK ORDER NON-CON	IFORMANCE (NO	R)			
DATE	CTED	Description of NC	Corrective Action	n Section B	Verifi	cation	Approval	Approval

	•	WORK ORD	DER NON-CONFORMAN	CE (NCR)			
	Description of NC	Corrective Action Section B			Varification Approve	Approval	Ammunud
DATE STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspecto
					:		
							}
	STEP	STEP Description of NC	STEP Description of NC Section A Initial	STEP Description of NC Corrective Action Section B Section A Initial Action Description	STEP Description of NC Corrective Action Section B Initial Action Description Sign &	STEP Description of NC Section A Initial Action Description Sign & Verification Section C	STEP Description of NC Section A Description A Description A Description Section B Section C Sec

NOTE: Date & initial all entries

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•	· · ·	<del>-</del> .						
D						·		
			56.75				45° 2 PL	0.75 REF 0.049 REF
с .			<u>D4018-1 RIB</u>					
-			55.25					0.50 REF 0.049 REF
В ,			6.67	<u> </u>	0.049 REF 0.50 REF	631	118	
NOTES: 1) MATERIAL -1: AISI 304/316 SEAI	MLESS STAINLESS STEEL SQUARE TU M304TS0.750W.049	JBE, 0.75 X 0.75 X 0.049 WA	<u>D4018-5 RIB</u>			•	DEL No.	EASED
A -3 & -5: AISI 304/316 SEAI REF DART SPEC.  2) FINISH: NONE 3) TOLERANCES: PER DART QSI Q 4) UNITS: INCHES UNLESS OTHER 5) BREAK SHARP EDGES: 0.005 TO 6) IDENTIFICATION: NIA 7) WEIGHT: SEE ASSEMBLED WEI	MLESS STAINLESS STEEL SQUARE TU . M304TS0.500W.049	JBE, 0.50 X 0.50 X 0.049 WA			DESIG DRAW CHECH MFG, A APPRO DE API	N RED SC DRAIN DAIL DAIL DAIL DAIL DAIL DAIL DAIL DAIL		REV. C SHEET 4 OF 4 SCALE D ASSY (350) NTS
8	7 6	T	5	4	3	2	WITH TEST PROPAGATION FROM ON	AN AUX COPA OF LTD.

Dart Aerospace Ltd	Dart	<b>Aeros</b>	pace	Ltd
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Dan Ae	rospace	e Lta							am, v
W/O:			WO	RK ORDER CHANG	ES				
DATE STEP		PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		•					<u> </u>		
Part No	•	PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQ	A:	_ Date: _	
	R	esolution:	Disposition	);	_ QA: N/C C	losed:		Date: _	
NCR:		·	WORK ORDE	R NON-CONFORMA	NCE (NCI	R)		<u></u>	
DATE	DATE STED Description of NC		Corrective Action Section		verification		cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Sect	ion C	Chief Eng	QC Inspector
		·							

NOTE: Date,'& initial all entries

/ Receiving Report							
Date: 196 A 4 Batch No: M1/5034  Supplier: 1866  Dart P/O: 1/866							
Packing Slip: Yes No Release Note Attached: Yes No N/A Waybill Attached: Yes No N/A Waybill Attached: Yes No N/A N/A Discrepancies							
Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments	
	4						
Initials of receiver (if shipment OK) Level 12							
Date Received/Cost	10/4/20				Locatio	on	
H:\FORMS\Purchasing\approved purch\RECREPORT Rev D							
` <b>~</b>	_		· *				



## **EAGLE STAINLESS**

Tube and Fabrication, Inc.

10 Discovery Way Franklin Industrial Park Franklin MA 02038

Tel: 800:528-8650 , 508-528-8650 Fax: 800-520-1954 , 508-520-1954 Email: eagle@eagletube.com Web: www.eagletube.com

Packing List

Cr) 613 - 632- 1053

Job

Number

97661-01

Bill Dart Aerospace, Ltd. To: 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Canada

Ship Dart Aerospace, Ltd. To: 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Canada

PO Number: PO11886

Shipment No: 75801

Shipment Date: 06/22/10 Order Number: 97661

Order Date: 05/13/10

Customer Code: 000000001912

Phone: (613) 632-5200

Terms: Net 30 Days

Ship Via: FED X P1

Quantity

Shipped

293

<u>Open</u>

300

Back Ord

Canceled Unit 7 FI

Description

1912-SQ0500049T304 T304 Smls Square Tubing .500" x .500" x .049" Wall x (30 -117"+.500"/-000 Pcs.)

As Drawn Temper, Chem to ASTM A269. Certs Required, Pack to Protect.

Try to Produce and Ship at same time as Order # 97247...

COLD WITH SHIPMENT -

CERTS WITH SHIPMENT



## EAGLE STAINLESS

Tube and Fabrication, inc

Franklin Industrial Park 10 Discovery Way Franklin, MA 02038

Telephone: (508) 528-8650 or (800) 528-8650 Fax: (308) 520-1954 or (800) 570-1954 Website: www.eagletube.com Email: eagletube@eagletube.com

## MATERIAL TEST REPORT CERTIFICATE OF CONFORMANCE

Afthortece

SOLD TO:	Dart Aerospace, Ltd.	DATE: 6/21/2010
ADDRESS:	1270 Aberdeen Street	PURCHASE ORDER: PO11886
	•	OUR ORDER#: 97661
	Hewkesbury ON K6A1K7	PART#: NA
		REVISION: NA .
HEAT#:	JD407-203	
SOURCE:	60-39731-05-10	<u> </u>
ITEM:	500 X 500 X 049 WALL Square Tubir	
Spec:	ASTM A269-04 A213-04 ASME SA21:	3-04 CHEMISTRY ONLY
Temper;	AS-DRAWN	10000120
Quantity:	293 Units: FT	
C; .048	Ti: -	Passivation Per ASTM A967: -
Si: .380	Сь; -	Yield (PSI):
Mn: .930	Ta: -	Tensile (PSI):
P: .032	Fe: balance	Elong. (% IN 2"):
S: .001	Cu; -	Hardness (Rockwell):
Ni: 9.180	Al: •	Flattening:
Cr: 18.220	N: -	Flaring:
Mo: -	Co: -	Rev F/B: -
Misc Chem:	•	Flange: -
Misc Chem:	· -	Int C/E:
Misc Chem:	•	Eddy Current:
		Hydrostatic:
		Grain Size:
Notes: -	•	
Notes: -		•
Notes: -		<u>.</u>
Comments		

Conforms to all drawing and/or specification requirements. To the best of our knowledge the material is mercury free, and compliant with Directive 2002/95/EC and 2006/122/ECOF regarding the Restriction of Hazardous Substances (RoHS). Reports governing this material are on file.

Bernie Pearson	73.	6/21/2010
EAGLE STAINLESS TUBE AND FABRICATION INC.	Int.	Date
Bernie Pearson		
Quality Assurance Manager		



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID /PO11886

Purchase Order Date 5/13/10

PO Print Date 5/20/10 Page Number 1 of 1

Order From:

**EAGLE STAINLESS** 10 DISCOVERY WAY FRANKLIN, MA US

VU-EAG001

REVESSE

Contact Name

Vendor Phone

800 528 8650

Vendor Fax

800 520 1954

Vendor Account Nb

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms Currency

FOB

Net 30 USD

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

Line Nbr Reference

Revision ID

Vendor Part Number

Description/

Mfg ID

Req Date/ Taxable

Req. Qty/ Unit of Measure

Ship Method

**Unit Price** 

Extended Price

M304TS0.50uW.049

**Square Tubing** 

5/28/10 Yes 300.00 FedEx PI ppd Mc10293 Polyday

\$6.5200

\$1,956.00

**Special Inst:** 

MATERIAL: AISI 304/316 SEAMLESS STAINLESS SQUARE

TUBING

AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINSH

PO Total:

\$1,956.00

MATERIAL CERTIFICATION REO'D UPON DELIVERY

CX

No substitution or deviation without

consent.

Certificate of Conformity or Material Certification required when applicable

Change Nbr:

2

Change Date: 5/20/10